

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Pelargonium graveolens*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	1,3-PENTADIENE	Essential Oil	--	--		
0	10-EPI-GAMMA-EUDESOL	Essential Oil	--	--		
0	11-NORBOURBONANONE	Essential Oil	--	--		
0	11-SELINEN-4-ALPHA-OL	Essential Oil	--	--		
0	2-FURFURAL	Essential Oil	--	--		
0	2-HEXANONE	Essential Oil	--	--		
0	2-METHYL-3-BUTEN-2-OL	Essential Oil	--	--		
0	2-METHYL-3-BUTENAL	Plant	--	--		
0	2-METHYL-3-PENTANONE	Essential Oil	--	--		
0	2-METHYL-BUTANAL-TRANS-2-METHYL-3-BUTENAL	Essential Oil	--	--		
0	2-METHYL-BUTANOL	Essential Oil	--	--		
0	2-METHYL-PROPANAL	Essential Oil	--	--		
0	2-METHYLBUTYL-FORMATE	Essential Oil	--	--		
0	2-METHYLOPPROPYL-FORMATE	Essential Oil	--	--		
0	2-PENTANONE	Essential Oil	--	--		
0	2-PROPANOL	Essential Oil	--	--		
0	3-HEXEN-1-OL	Essential Oil	--	--		
0	3-METHYL-2-BUTANONE	Essential Oil	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	3-METHYL-BUTANOL	Essential Oil	--	--		
0	3-METHYL-CYCLO-PENTANONE	Essential Oil	--	--		
0	3-METHYLBUTYL-FORMATE	Essential Oil	--	--		
0	4-METHYL-2-PENTANONE	Essential Oil	--	--		
0	6-OXO-6,7-DIHYDROCITRONELLIC-ACID	Essential Oil	--	--		
0	7-HYDROXY-6,7-DIHYDROGERANIOL	Essential Oil	--	--		
0	7-HYDROXYDIHYDROCITRONELLOL	Essential Oil	--	--		
6	ACETALDEHYDE	Essential Oil	--	--		
16	ACETIC-ACID	Essential Oil	--	--		
3	ACETONE	Essential Oil	--	--		
0	ALCOHOLS	Essential Oil	--	--		
0	ALPHA-BOURBONENE	Essential Oil	--	--		
0	ALPHA-CALACORENE	Essential Oil	--	--		
0	ALPHA-MUUROLENE	Essential Oil	--	--		
11	ALPHA-PHELLANDRENE	Essential Oil	--	--		
28	ALPHA-PINENE	Essential Oil	1	3	-0.5600433656432124	
0	ALPHA-SANTALENE	Plant	--	--		
23	ALPHA-TERPINEOL	Essential Oil	4	22	-0.7720662078462751	
3	AR-CURCUMENE	Essential Oil	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
6	BETA-BISABOLENE	Essential Oil	--	--		
0	BETA-BOURBONENE	Essential Oil	--	--		
5	BETA-ELEMENE	Essential Oil	--	--		
3	BETA-PHELLANDRENE	Essential Oil	--	--		
13	BETA-PINENE	Essential Oil	--	--		
0	BOIS-DE-ROSE-OXIDE	Essential Oil	1	2		
35	BORNEOL	Essential Oil	--	--		
0	BUTANAL	Essential Oil	--	--		
0	BUTANE	Essential Oil	--	--		
0	BUTANOL	Essential Oil	--	--		
0	CALAMENENE	Essential Oil	--	--		
5	CAPRYLIC-ACID	Essential Oil	--	--		
31	CARYOPHYLLENE	Essential Oil	--	--		
1	CIS-3-HEXENOL	Essential Oil	1	1		
0	CIS-DEHYDROCITRONELLOL	Essential Oil	--	--		
0	CIS-ROSE-OXIDE	Essential Oil	1	2		
53	CITRAL	Essential Oil	--	--		
20	CITRONELLAL	Essential Oil	--	--		
15	CITRONELLOL	Plant	21	1176	2.123051972799649	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	CITRONELLYL-ACETATE	Essential Oil	--	--		
1	CITRONELLYL-FORMATE	Essential Oil	1	2		
0	CITRONELLYLDIETHYLAMINE	Essential Oil	--	--		
1	COPAENE	Essential Oil	--	--		
0	DECYL-ALDEHYDE	Essential Oil	--	--		
9	DELTA-CADINENE	Essential Oil	--	--		
2	DIMETHYL-SULFIDE	Plant	--	--		
0	EO	Plant	800	4000	-0.4361356820223302	
0	EPOXYLINALOL	Essential Oil	1	4		
0	ESTERS	Essential Oil	--	--		
24	ETHANOL	Essential Oil	--	--		
76	EUGENOL	Essential Oil	--	--		
13	FORMIC-ACID	Essential Oil	--	--		
0	FURAN	Essential Oil	--	--		
0	FURAPELAGONE-A	Essential Oil	--	--		
0	FURAPELAGONE-B	Essential Oil	--	--		
0	GAMMA-CADINENE	Essential Oil	--	--		
0	GAMMA-MUUROLENE	Essential Oil	--	--		
13	GERANIAL	Essential Oil	2	12	-1	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
35	GERANIOL	Plant	2	1400	-0.2090839590379573	
5	GERANYL-ACETATE	Essential Oil	--	--		
0	GERANYL-TIGLATE	Essential Oil	--	--		
0	GERMACRATRIENE	Essential Oil	--	--		
0	GUAIA-6,9-DIENE	Plant	--	--		
1	HEXYL-FORMATE	Essential Oil	--	--		
2	HUMULENE	Essential Oil	--	--		
3	ISOAMYL-ALCOHOL	Essential Oil	--	--		
3	ISOMENTHONE	Essential Oil	8	38	-1	
0	ISOOCTANE	Essential Oil	--	--		
0	ISOPRENE	Essential Oil	--	--		
0	ISOPROPYL-FORMATE	Essential Oil	--	--		
3	ISOPULEGOL	Essential Oil	--	--		
0	JUNENOL	Essential Oil	--	--		
0	L-CITRONELLOL	Essential Oil	--	--		
60	LIMONENE	Essential Oil	1	3	-0.7370481396201248	
0	LINALOL	Plant	30	505	-0.3180486984089818	
63	MENTHOL	Plant	2	1852	0.738920288124005	
30	MENTHONE	Essential Oil	8	38	-1	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	METHANOL	Essential Oil	--	--		
2	METHYL-BUTYRATE	Essential Oil	--	--		
0	METHYL-FORMATE	Essential Oil	--	--		
0	METHYL-HEPTENONE	Essential Oil	2	9		
0	METHYL-HEXYL-CARBINEOL	Essential Oil	--	--		
0	METHYL-PENTANOL	Essential Oil	--	--		
22	MYRCENE	Essential Oil	1	2	-0.44404370426836665	
0	NEOISOMENTHOL	Essential Oil	--	--		
4	NERAL	Essential Oil	2	12	-1	
16	P-CYMENE	Essential Oil	1	2	-0.633376049809191	
0	PELARGONIC-ACID	Plant	--	--		
0	PHENYL-ETHYL-ALCOHOL	Plant	2	8	-0.8904524648073894	
6	PROPIONIC-ACID	Essential Oil	--	--		
0	PROPYL-FORMATE	Essential Oil	--	--		
5	SABINENE	Essential Oil	--	--		
0	SELINA-3,7(11)-DIENE	Plant	--	--		
0	SELINA-4(14),7(11)-DIENE	Essential Oil	--	--		
1	TIGLIC-ACID	Essential Oil	--	--		
1	TOLUENE	Essential Oil	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	TRANS-DEHYDROCITRONELLOL	Essential Oil	--	--		